

# TerraLUX

*Intelligent Lighting for the 21st Century*

## LED Replacement Bulb Quad STAR® Model TLE-3

"The Smartest Light Bulb in the World"

- Replaces Standard Flashlight Bulb
- 100,000 hour Lamp Life (10 years)
- Extends Battery Life 10 times
- Works with 2, 3 or 4 batteries (3 - 6.2 Volts)
- Emergency Lighting "Moon Mode"
- Four LED's in a Single Bulb for Brighter Light
- Perfect for Camping & Emergency Lighting
- 40 degree spotlight beam pattern
- Pure White Light
- Made in the USA

### Directions

The TerraLUX™ Quad STAR is a direct, drop-in replacement for a standard, flange base flashlight bulb. It is intended for a broad range of applications such as flashlights, emergency lights and camping lanterns. Unlike standard flashlight bulbs it will not burnout if properly used and will extend battery life 10 times. Just drop it into any appliance using a standard bulb base that uses between 2-4 alkaline cells (3-6.2 Volts). The PowerPush™ circuit in the base of the Quad Star will automatically adapt to the power available and give a constant light output until the batteries are almost exhausted. When this happens, the bulb will dim, but will continue to provide a lower level light (moon mode) for about one week continuously! Replace the batteries to restore light output. The PowerPush™ circuit built into the base can operate the Quad Star from 2 or more cells down to a weakened state where they only provide 1.5 volts total output; however, one cannot run the Quad Star off a one cell (1.5 volt) power source.

### Specifications

Light Output (Luminous Flux): 4.0 Lumens  
Luminous Intensity: 33,000 millicandelas at 0°  
Angle of Distribution: 40°  
Battery Life > 24 hours with 4 AA alkaline cells  
Voltage Range: 1.5 V min. to 6.2 Volts max  
Power Consumption: 0.38 Watt (typical)



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### Caution!

- Do not use in appliances that contain more than 4 alkaline cells in series
- If the bulb does not light, your appliance is wired backwards. The Quad Star requires the central contact to be connected to the positive (+) terminal of the battery. Some inexpensive appliances are wired backwards.
- The Quad Star is not waterproof. Do not get it wet! For use in sealed systems.